

TECHNICAL SPECIFICATIONS

Genset Rating (kVA)	35*	40
DG Model	MB35DR	M40DR
Power Rating (kWe)	28	32
No. of Phases	1/3	1/3
Output Voltage (V)	230/415	230/415
Power Factor (lagging)	0.8	0.8
Current (A) (1 Phase / 3 Phase)	152.2 / 48.7	173.9 / 55.6
Frequency (Hz)/ RPM	50/1500	50/1500
Governing Class	G3	G3
Starting System (volt)	12 V DC electrical	12 V DC electrical
Fuel Tank Capacity (lit)	115	115
Genset Weight Dry	915	990
Genset Dimension (LxWxH) (mm)	2325 X 980 X 1330	2325 X 980 X 1330
Controller Model	GC 1115	GC 1115
Engine Specifications		
Make	Mahindra	Mahindra
Model	M3205G5	M4275G1
Fuel system	Electronic	Electronic
Rated Power Output (Hp)	40.0	51.8
Compression Ratio	17.2:1	17.2:1
Aspiration	Turbocharged & Intercooled	Turbocharged & Intercooled
No. of Cylinders	3	4
Bore x Stroke (mm)	88.9 X 110	88.9 X 110
Displacement (Ltr)	2.0	2.7
Lube Oil Specification	SAE 15W40 CI4+	SAE 15W40 CI4+
Total Lube Oil capacity (lit)	7	10.5
Lube Oil Change Period (hrs.)	500Hrs	500Hrs
System (Engine & radiator) Coolant Capacity (lit)	12.5	12.5
Alternator Specifications		
Make	CG/LS/Equivalent	CG/LS/Equivalent
Enclosure Type	IP23	IP23
Voltage Regulation	+/- 1%	+/- 1%
Class of Insulation	H	H
Maximum Unbalanced load across Phases	25%	25%
Total Harmonic distortion	AT NO LOAD <2.5%	AT NO LOAD <2.5%

All Specifications are at Standard NTP operating conditions

• # Engine Power at 100 % load • * Represents the Standby Ratings • Standard warranty of 2 Years/5000 Hours, 5 Years 5C warranty

Disclaimer: Technical data and specifications are subject to change without notice.